



**Jim Doyle, Governor**  
**Mary P. Burke, Secretary**

## Wisconsin Department of Commerce Bureau of PECFA

### Bid Document

#### SECTION 1 - Scope of Work:

The Bureau of PECFA is seeking competitive bids to perform remedial action services on a petroleum release from a regulated petroleum product storage tank system. This bid is through a specified work scope. The site upon which bids are being solicited is:

**Bid Round Number:** 39  
**Comm Number:** 53511-9999-01-A  
**BRRTS Number:** 03-54-000307  
**Site Name:** Coltec Industries-Fairbanks Morse Engine Division  
**Site Address:** 701 White Ave Beloit WI

**Project Manager:** Jim Kralick  
**Project Manager address:** 2514 Morse St Janesville WI 53545  
**Project Manager phone:** 608-743-4841  
**Project Manager e-mail address** [james.kralick@dnr.state.wi.us](mailto:james.kralick@dnr.state.wi.us)

<b>Bid Announcement Date</b>	<b>9/6/2005</b>
<b>Questions or requests for information must be submitted in writing and received by:</b>	<b>9/19/2005 4:00 PM</b>
<b>Responses to the questions will be posted (and if requested, sent in writing) by:</b>	<b>10/7/2005</b>
<b>Bid End Date and Time:</b>	<b>10/21/2005 by Noon</b>

The case file including report(s) and other pertinent information upon which bids are being sought, and the qualified bid response, when determined, are available for inspection at:

**Department of Natural Resources, 2514 Morse St, Janesville WI**

Please contact the project manager listed above for an appointment.

Copies of report(s) and other pertinent information may be available for purchase at the location listed below. If pertinent information is not available, please contact the project manager.

**Action Legal-Madison, 1 E Main St, Madison WI 53703**

**Phone: 608-663-1041**

**Fax: 608-663-1045**

## **SECTION 2 – Site-Specific Bid Specification Requirements:**

### **A) Project Manager Comments**

#### **1) General Comments:**

The site is an industrial facility. An underground storage tank assessment completed in 1988 revealed the presence of extensive diesel fuel related contamination. A site investigation, including free product recovery efforts, was begun in 1990. The stratigraphy across the investigated area consists of silt, silty sand, and sand. The static water table is generally present beneath the source area at between 46 and 51 feet bgs. Two distinct plumes (occurrences) of diesel free product are present at the site. Occurrence A is the larger, southern plume. Occurrence B is the smaller, northern plume. This bid specification deals strictly with occurrence B, the smaller, northern free product plume. Approximately 55,000 gallons of mixed free product/contaminated groundwater have been extracted from occurrence B since 1990. Volatile organic compounds (VOCs, chlorinated hydrocarbons), petroleum volatile organic compounds (PVOCs), and polycyclic aromatic hydrocarbons (PAHs) are all present in groundwater in the dissolved phase above enforcement standards. The extent of groundwater contamination at and below the water table has been generally defined. The core of the groundwater contaminant plume is located in the area of wells MW-1, MW-2, MW-3, MW-12, and RW-2 (all of which had free product present in 2003-2004). Groundwater flow is generally to the south, with slightly southeasterly and southwesterly components. The source area is about 1200 feet from the Rock River and about 200 feet from an on-site high capacity industrial well.

Please note that claim preparation costs will not be a part of the cost cap established by this bid. These costs (\$500 maximum per claim submittal) are still eligible for PECFA reimbursement and Commerce encourages timely claim submittals at appropriate milestones. Therefore, bidding consultants should not include claim preparation costs in their bid responses.

#### **2) The following Environmental Factor(s) were identified in the Site Investigation Report for this site:**

- ☐ Documented expansion of the plume margin.
- ☐ Verified contaminant concentrations in a private or public potable well that exceeds the preventive action limit established under ch. 160, Stats..
- ☐ Contamination within bedrock or within 1 meter of bedrock.
- ☒ Petroleum product that is not in the dissolved phase is present with a thickness of .01 feet or more, and verified by more than one sampling event.
- ☐ Documented contamination discharges to a surface water or wetland.

#### **3) Minimum Remedial Requirements:**

1. Install two additional two-inch monitoring wells to help define the extent of the residual free product plume in the subsurface. All drilling must be completed using sonic drilling technologies, due to difficult subsurface drilling conditions (fill material with cobbles and construction/demolition debris). The

wells should be installed to approximately 57 feet below ground surface (bgs) and have 15-foot screened intervals. One well shall be located approximately 80 feet due west of existing well RW-2, the other well shall be located approximately 80 feet due west of existing well MW-3. A minimum of two soil samples, analyzed for PVOCs and PAHs, must be collected from each soil boring: one soil analytical sample from zero to 4 feet bgs to evaluate any direct contact hazard present and one from the water table smear zone. In addition, complete one soil boring (also by sonic drilling) in the area of the former aboveground storage tank source area to a depth of 4 feet bgs to further evaluate any direct contact hazard. This soil boring shall be located directly north of the former aboveground oil storage tank area. The soil sample should be collected from the most contaminated interval between zero and 4 feet bgs and analyzed for PVOCs and PAHs. All soil analytical results shall be presented in the first quarterly report, as required below. Costs for disposal of all drilling waste must be included in the bid. The monitoring wells must be installed within 60 days of signing a contract for consulting services.

2. Conduct quarterly free product monitoring and recovery within the northern diesel free product plume (Occurrence B) at wells MW-1, MW-2, MW-3, MW-12, MW-13, MW-21, and RW-2 (and the two newly installed wells, if needed). Free product recovery can be accomplished by passive actions such as hand bailing or the placement of absorbent socks (if less than 3 inches of product is typically present). Brief quarterly reports documenting water table elevations, free product thickness in wells, and the volume of free product recovered shall be submitted to the WDNR and Commerce. A technical estimate of the remaining mass/volume of residual diesel free product associated with Occurrence B shall be included with the final quarterly report. Bidders must include on page three of their bid response, a per gallon unit disposal cost (commodity cost only) to be used to adjust the cap in the event that a volume significantly more or less than is estimated is actually removed and disposed.
3. Groundwater monitoring shall be conducted for four consecutive quarters and shall follow the protocol of the following table:

Wells	Sample Quarterly	Sample Semi-annually	Sample Annually
MW-1, MW-2, MW-3, MW-12, two newly installed MWs	VOCs,	PAHs, RNA*	
MW-5, MW-10		PVOCs, PAHs, RNA*	
MW-6, MW-13, MW-21, Mw-22, MW-23, PZ-1		VOCs, PAHs, RNA*	
PZ-2			VOCs
Industrial Well #1			Safe Drinking Water Act VOCs

**\*Remediation by Natural Attenuation parameters. Bidders should follow the recommended RNA parameter list found in the Wisconsin Department of Natural Resources *Interim Guidance on Natural Attenuation for Petroleum Releases*, PUB-RR-614, October 1999.**

Quarterly groundwater monitoring must begin within 30 days of the monitoring well installations being completed. The bid shall include costs for disposal of all groundwater monitoring waste generated.

**Since VOC analysis of groundwater samples will not be PECFA eligible, please submit costs for PVOC analysis only, with the understanding that VOC analysis must be conducted on the specified wells in order to accurately complete the work scope.**

Please provide a cost separation methodology for PECFA eligible and ineligible costs to the Commerce Project Manager prior to next claim submittal for this site.

4. Brief quarterly reports shall be submitted to include tabulated groundwater analytical results, tabulated groundwater elevation data, tabulated free product data, and groundwater flow direction diagrams for each groundwater sampling event.
5. If, based on the results of the work conducted under this bid, closure is available, submit a cost estimate for the total additional costs to closure as per Comm 47. 338 (including but not limited closure request documentation, GIS Registry Packet, and well abandonment costs) to Commerce for review. If additional remediation measures are necessary to aid site clean up to the extent practical, then submit a estimate for the additional remediation measures to DNR and the cost estimate for these measures to Commerce for review.
6. Contamination beneath structures shall be addressed via a deed restriction, if a building or other structural impediment at a site or facility has prevented the completion of an investigation to determine the degree and extent of residual contamination, a deed restriction shall be required as a condition of case closure per NR 726.05(8)(a)3(b)(2.)

Bidders shall provide line item costs for all the activities listed above in the table provided on the 3<sup>rd</sup> Page of the Bid Response. If a completed 3<sup>rd</sup> page is not included with the Bid Response, the Bid Response will be determined to be non-responsive. The winning bidder will not be allowed to move costs between the scope of work items without prior Commerce approval.

## **B) Bidder's Strategy for Remedial Action**

- 1) Identify the remedial strategy for a specified work scope.
- 2) Specifically describe what element of your proposed strategy will address the environmental factors/risk factors listed above. Also describe how, when, and why it will address them.
- 3) Provide a detailed description of the work to be performed. The description shall provide sufficient detail to establish that the proposed strategy will be successful in achieving a specified work scope identified above.
  - a) The detailed description may include, but is not limited to the following:
    - Technologies
    - Estimated years of operation
    - Estimated tons of soil
    - Approximate geometry/depth of excavation
    - Reporting details
    - Estimated years of monitoring
    - Frequency of sampling/number of wells/parameters
- 4) Specifically describe how you will address off-site contamination, if applicable.
- 5) Specifically describe how you will address any direct contact hazards, if applicable.

### **SECTION 3 - Conditions of Bid:**

The successful bidder will be the entity that complies with all provisions of the bid specification and provides the lowest total cost, excluding interest and claim preparation costs, for the site-specific bid specification requirements described in Section 2. PECFA funding under s. 101.143, Stats., will terminate when the responsible agency determines that institutional controls and notices, if utilized, would achieve a closed remedial status. PECFA funding will terminate regardless of whether the responsible party or other properties accept an institutional control and notices as required under §NR 726 Wis. Admin. Code. In preparing the bid, the bidder must assume compliance with all applicable codes, including but not limited to §Comm 46, §Comm 47, and §NR 700 Wis. Admin. Codes.

The successful bidder will be determined based upon conformance to and competitiveness under the bid protocol. The first determination will be whether the bidder has complied with all provisions of the bid. These bids will be considered responsive. From the responsive bids, the lowest total cost bid with an approvable approach to a specified work scope will be determined. Claim preparation costs will not be a part of the cost cap established by this bid. These costs (\$500 maximum per claim submittal) are still eligible for PECFA reimbursement and Commerce encourages timely claim submittals at appropriate milestones. Therefore, bidding consultants should not include claim preparation costs in their bid responses.

The successful bid will be available to be viewed at the location identified in Section 1. If two or more bidders tie in the cost comparison, the bid with the lowest consulting cost will be used as the tiebreaker. All bid documents must be signed and sealed by a

Professional Engineer, Professional Geologist, Hydrologist or Soil Scientist licensed by the State of Wisconsin Department of Regulation and Licensing.

The Department reserves the right to reject any and all bids that meet any of the following conditions:

- The Department believes the remedial strategy is not appropriate to a specific geologic setting.
- From the standpoint of program operations or regulatory responsibility, the Department determines it is in the best interest of the program to not accept any or all bids.

Any proposed technology or methods used in the remediation must be allowed for use in the State of Wisconsin and approvable by the Department with jurisdiction (Natural Resources or Commerce).

The name of the successful bidder, bid amount, proposed outcome and supporting documentation will be provided to the site claimant along with instructions to inform the PECFA program in writing of their intent to either:

- Use the lowest identified bidder or
- Use another service provider.

In either case, PECFA reimbursement is capped at the dollar amount of the successful bid.

A successful bid does not mean or guarantee that all costs in a resultant claim are eligible, reasonable, necessary or reimbursable under the PECFA program.

If a bidder fails to comply with a bid provision the bid response will be determined to be non-responsive. If the bid response is responsive, but not the lowest cost service provider with an appropriate approach, it will be determined to be "non-successful." Non-responsive and non-successful bidders will not be individually informed of their failure to achieve compliance with the bid specifications or to be the lowest bidder.

The successful bidder may be required to provide input to, and attend a meeting with the PECFA program and the claimant to explain the bid and the remedial approach.

Appeals, by bidders, of decisions regarding complying bids or costs are not allowed, as they do not constitute claimant reimbursement decisions under the PECFA program.

In compliance with this invitation to bid and subject to all conditions thereof, the signatory agrees to the following:

- If the signatory's bid is determined to be successful, the signatory must, within 15 days of the Department's notification, contact the claimant and confirm that they will provide the remedial services at the cost described within the Bid Response.
- That for a period of 90 days, starting with the Department's notification to the claimant, the signatory will hold firm their commitment to provide the remedial services and prices set forth in the Bid Response.

Failure to abide with the conditions stated above may result in exclusion from future PECFA Public Bidding events.

Questions, answers and interpretations will be considered an amendment of this solicitation. All answers and interpretations shall be in writing from the Program Manager identified in Section 1 of this solicitation. Neither the program nor the Department shall be legally bound by any amendments or interpretations that are not in writing. Bidders are not to contact other personnel located within the Department of Commerce/Bureau of PECFA concerning the site or the bid solicitation between the Bid Announcement Date and Bid Ending Date. After the date by which questions must be submitted by, identified in Section 1, no further questions will be addressed.

A written response will be provided at: <http://www.commerce.state.wi.us/ER/ER-PECFA-SiteBidding.html> (and mailed to all requesters of the bid package who are not able to access the web site, and who therefore request written correspondence from the program contact).

#### **SECTION 4 - Closure Specifications – If Applicable:**

A bid submitted must provide the total cost, excluding interest but including all closure costs, for the remediation up to approval as a closed remedial action status identified below:

**Unrestricted Closure**  
**Closure with a NR 140 exemption**  
**Closure with GIS Registry\***  
**Closure with deed notice\***  
**Closure with deed restriction\***  
**Closure with NR 720.19 soil standards**

**Performance based NR 720.19 closure**  
**Closure with site-specific conditions**  
**Closure under NR 726.07**  
**Closure under Comm 46/NR 746**  
**Mass reduction**

*\* **Note:** PECFA funding under s. 101.143, Stats., will terminate when the responsible agency determines that institutional controls and notices, if utilized, would achieve a closed remedial status. PECFA funding will terminate regardless of whether the responsible party or other properties accept an institutional controls and notices as required under NR 726. PECFA eligible costs may include all closure costs, up to approval as a closed remedial action (i.e. monitoring well abandonment) that are otherwise eligible for reimbursement.*

If the PECFA maximum award for the site/occurrence is not believed to be adequate to remediate the site/occurrence to a closed or no further remedial action status, that belief must be specifically noted in the bid and the remedial effort that will be achieved by the bid amount. For the purpose of the competitive bid the contaminant mass is determined to be: **Not Applicable**. The basis for specifying the progress shall be contaminant mass reduction and be based upon the mass reduction at the following points on the site:

Not Applicable

If the site is reasonably expected to exceed its cap under the PECFA program, bidders may propose mass reduction, the lowest bidder will be determined on the basis of a cost per mass reduction ratio. If some bidders propose mass reduction and others propose costs to bring the site to a closed remedial action or no further action status, selection will be from those bidders proposing a closed or no further action result.

#### **SECTION 5 - Instructions to Bidders:**

By submission of a bid, bidder agrees that during the period following issuance of this solicitation and prior to notification of successful bidder, bidders shall not discuss the bid

or bid process except with the program contact designated in this solicitation. Bidders shall not discuss or attempt to negotiate with the claimant, other potential bidders or program staff any aspects of the bid without prior approval of the Project Manager specified. Infractions will result in rejection of the violator's bid and may also result in disqualification of the individual to provide bids and a formal complaint being lodged with the Department of Regulation and Licensing.

The bid submitted shall address all the site specific bid specification requirements identified in Section 2. The bid shall support in detail the strategy to achieve a specified work scope, or remedial mass reduction goal if applicable. A full remedial action plan is not required as part of the bid submittal. A full remedial action plan may be requested by the program.

If access to the site is necessary for the preparation of a bid, access shall be arranged through the Project Manager. If the Project Manager is not able to arrange site access, this fact will not delay the bid process or negate the comparison and potential selection from among the bids that are submitted. All costs associated with a site visit or preparation of a bid will be the responsibility of the bidder.



The Bid Process must conform to the following:

1. If applicable, the closed remedial or no further action status to be achieved must be stated using the options available from the list provided in Section 4.
2. Indicate in the Bid Response a contaminant mass reduction proposal if the PECFA maximum award is not believed to be adequate to remediate the site/occurrence.
3. The Bid Response shall address all the site specific bid specification requirements identified in Section 2 and shall support in sufficient detail and succinctly the remedial strategy.
4. The total cost (in dollars) to accomplish the stated remedial goal, including all fees, reporting cost, pre and post closure costs and costs for establishing restrictions or institutional controls but, excluding claim preparation costs, interest, and investigation costs.
5. The costs specified in #4 shall separately identify consulting (non-commodity) costs.
6. The submittal must include an original and two (2) copies of the Bid Response documents signed and sealed by a Professional Engineer, Professional Geologist, Hydrologist or Soil Scientist licensed by the State of Wisconsin. Include the appropriate registration number of the professional license.
7. Bids can not be "faxed" directly to the program. Documents received by fax will not be accepted or considered.
8. Bids, amendments thereto or withdrawal requests must be received by the time advertised for bid opening. It is the bidder's sole responsibility to insure that these documents are received by the contact at the time indicated in this solicitation document.
9. All specifications or descriptive papers provided with the bid submission must include the bidder's telephone number and Commerce number thereon. Identify the name of the consulting firm on the 1<sup>st</sup> Page of the Bid Response.
10. The Commerce Number must be on the outside of the envelope in which the bid is submitted. The Department assumes no responsibility for unmarked or improperly marked envelopes. All envelopes received showing a bid number will be placed directly under locked security until the date and time of opening. Include only one Bid Response (an original and two (2) copies) per envelope.
11. Correction of errors on the bid form: All prices and notations shall be printed in ink, typewritten or computer printed. Errors shall be crossed out, corrections entered and initialed by the person signing the bid. Erasures or use of correction fluid will be cause for rejection. No bid shall be altered or amended after the time specified for the bid end date.
12. Bidders are not to contact other personnel located within the Department of Commerce/Bureau of PECFA concerning the site or the bid solicitation between the Bid Announcement Date and Bid Ending Date.
13. Any proposed technology or methods used in the remediation must be allowed for use in the State of Wisconsin and approvable by the Department with jurisdiction (Natural Resources or Commerce).

14. From the standpoint of program operations or regulatory responsibility, the Department determines it is in the best interest of the program to not accept any or all bids.
15. If bidders consider the bid response to be proprietary information and exempt from disclosure, each part of the Bid Response must clearly marked *CONFIDENTIAL*. If any part is designated as confidential, there must be attached to that part an explanation of how the information is proprietary. The Department reserves the right to determine whether this information should be exempt from disclosure and no legal action may be brought against the State, Department or its agents for its determination in this regard.
16. The Bid Response must be appropriate to the site geologic setting.
17. Ambiguous bids, which are uncertain as to cost, time or compliance with this solicitation, will be rejected.
18. The Department reserves the right to reject any and all bids, and/or to cancel this solicitation at any time.
19. Each bidder shall fully acquaint itself with conditions relating to the scope and restrictions attending the execution of the work under the conditions of this solicitation. The failure or omission of a bidder to acquaint themselves with existing documented conditions shall in no way relieve any obligation with respect to this bid.
20. All amendments to and interpretations of this solicitation shall be in writing from the Project Manager. Neither the Department nor the program shall be legally bound by any amendment or interpretation that is not in writing.
21. This solicitation is intended to promote competition. If the language, specifications, terms and conditions, or any combination thereof restricts or limits the requirements in this solicitation to a single source, it shall be the responsibility of the interested bidders to notify the program in writing so as to be received five days prior to the opening date. The solicitation may or may not be changed but a review of such notification will be made prior to award.

**BID RESPONSE**  
**(1<sup>st</sup> Page)**

Department of Commerce PECFA Program

**SITE NAME:** Coltec Industries-Fairbanks Morse Engine Division  
**COMMERCE NUMBER:** 53511-9999-01  
**BRRTS NUMBER:** 03-54-000307

Submit Bid To: Cathy Voges  
Department of Commerce PECFA Program  
201 W Washington Ave, Madison WI 53703-2790 or  
P.O. Box 8044, Madison WI 53708-8044

Bidder Company: \_\_\_\_\_  
Bidder Address: \_\_\_\_\_  
\_\_\_\_\_

Telephone: ( ) - \_\_\_\_\_  
Fax Number: ( ) - \_\_\_\_\_  
e-mail Address: \_\_\_\_\_

Bidder: (check one that applies):

_____	Professional Engineer	_____	License #
_____	Professional Geologist	_____	License #
_____	Hydrologist	_____	License #
_____	Soil Scientist	_____	License #

Seal

Signature: \_\_\_\_\_

I certify that I have the authority to commit my organization or firm to the performance of the bid I have submitted.

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Total Bid Cost \$ \_\_\_\_\_

Total Consulting Cost (subpart of Total Bid) \$ \_\_\_\_\_

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1)(m)].

**BID RESPONSE**

**(2<sup>nd</sup> Page)**

Department of Commerce PECFA Program

**SITE NAME:** Coltec Industries-Fairbanks Morse Engine Division

**COMMERCE NUMBER:** 53511-9999-01

**BRRTS NUMBER:** 03-54-000307

Consulting Firm phone number ( ) \_\_\_\_-\_\_\_\_

This response must address all of the site-specific specifications identified in Section 2, and shall support in detail the remedial strategy. Attach additional pages if necessary. *The Commerce Number and Consulting Firm telephone number must be included on all additional pages.* The pages of each Bid Response must be ***stapled*** together. No paper clips or spiral bindings please.

**BID RESPONSE****(3<sup>rd</sup> Page)**

Department of Commerce PECFA Program

**SITE NAME: Coltec Industries-Fairbanks Morse Engine Division****COMMERCE NUMBER: 53511-9999-01****BRRTS NUMBER: 03-54-000307**

Consulting Firm phone number ( ) \_\_\_\_-\_\_\_\_

A bid will be considered to be non-responsive if the bid response does not include separate tabulation of costs as indicated below.

Install 2 monitoring wells and 1 soil boring using sonic drilling technologies, conduct soil field screening and analytical soil sampling (includes but not limited to waste disposal, well development, boring abandonment, and associated documentation).

\$ \_\_\_\_\_

Conduct free product measurement, abatement, and documentation as described (includes needed supplies and waste disposal).

\$ \_\_\_\_\_

Conduct quarterly groundwater monitoring for four successive quarters (includes all analytical costs, documentation, and waste disposal).

\$ \_\_\_\_\_

Prepare quarterly reports documenting completion of the bid work scope (includes, but not limited to documentation of all soil and groundwater analytical results, free product occurrence and disposal documentation, and flow direction diagrams).

\$ \_\_\_\_\_

Total Bid Amount (sum) -> also include on Page 1 of bid response

\$ \_\_\_\_\_

Contingency cost for free product/contaminated groundwater disposal (commodity cost only) (\$/gallon)

\$ \_\_\_\_\_